

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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JAN 08 2004
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Sheet

1 of 3

Application Number	10/646,348
Filing Date	August 22, 2003
First Named Inventor	Rajinder Singh
Art Unit	1615 1625
Examiner Name	Unknown ZNDavis

Attorney Docket Number 28570/US/US

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>Jnd</i>		US- 4,752,324	06/21/1988	Thomas et al.	
<i>Jnd</i>		US- 5,151,441	09/29/1992	Mueller et al.	
<i>Jnd</i>		US- 5,256,666	10/26/1993	Mueller et al.	
<i>Jnd</i>		US- 5,463,071	10/31/1995	Himmelsbach et al.	
<i>Jnd</i>		US- 5,814,627	09/29/1998	Schwab et al.	
<i>Jnd</i>		US- 6,355,669	03/12/2002	Yamauchi et al.	
<i>Jnd</i>		US- 2002/0035156A1	03/21/2002	Roniker et al.	
<i>Jnd</i>		US- 2002/0049213A1	4/25/2002	Weidner-Wells et al.	
		US-			

FOREIGN PATENT DOCUMENTS

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		Country Code:	Number - Kind Code (if known)				YES	NO
<i>Jnd</i>	✓	JP	04124178A	04/24/1992	SDS Biotech KK		<input type="checkbox"/>	<input type="checkbox"/>
<i>Jnd</i>	✓	EP	563686A1	03/18/1993	Bayer AG		<input type="checkbox"/>	<input type="checkbox"/>
<i>Jnd</i>	✓	WO	93/17671	09/16/1993	Statens Serum Institut		<input type="checkbox"/>	<input type="checkbox"/>
<i>Jnd</i>	✓	WO	94/17059	06/04/1994	Nippon Soda Co., Ltd.		<input type="checkbox"/>	<input type="checkbox"/>
<i>Jnd</i>	✓	WO	95/24397	09/14/1995	Hoeschst		<input type="checkbox"/>	<input type="checkbox"/>
<i>Jnd</i>		WO	98/47509	10/29/1998	G.D. Searle & Co.		<input type="checkbox"/>	<input type="checkbox"/>
<i>Jnd</i>		WO	99/20309	04/29/1999	Eisai Co. Ltd.		<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE *Lorraine Davis*DATE CONSIDERED *3/27/2006*

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant:

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August 22, 2003

First Named Inventor

Rajinder Singh

Art Unit

1615-1625

Examiner Name

Unknown ZNDAVIS

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of

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Attorney Docket Number

28570/US/US

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		Country Code:	Number - Kind Code (if known)				YES	NO
<i>znd</i>		WO	99/04390	01/28/1999	Sony Corporation		<input type="checkbox"/>	<input type="checkbox"/>
<i>znd</i>		EP	92/7992 A1	07/07/1999	Sony Corporation		<input type="checkbox"/>	<input type="checkbox"/>
		WO	00/45799	08/10/2000	Bayer Aktiengesellschaft		<input type="checkbox"/>	<input type="checkbox"/>
<i>znd</i>		WO	00/78726 A1	12/28/2000	Eli Lilly and Company		<input type="checkbox"/>	<input type="checkbox"/>
<i>znd</i>		WO	02/20436 A2	03/14/2000	Neogeneis Pharmaceuticals, Inc.		<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
<i>znd</i>		Roth et al., "Zur Kondensation von Chalkonoxyden mit Hydroxylamin", <i>Arch. Pharm.</i> , Vol. 94, pp. 769-774, 1961.	<input type="checkbox"/>	<input type="checkbox"/>
<i>A</i>		Samula, "Oksymowanic Azachalkonow", <i>Roczniki Chemii</i> , Ann. Soc. Chim. Polonorum, Vol. 45, pp. 2063, 1971.	<input type="checkbox"/>	<input type="checkbox"/>
		Samula, "Cyclization of Azachalcones and β -Hydroxyketones Oximes", <i>Roczniki Chemii</i> , Ann. Soc. Chim. Polonorum, Vol. 48, pp. 959-964, 1974.	<input type="checkbox"/>	<input type="checkbox"/>
		Howe, et al., "Nitrile Oxide Cycloaddition Routes to 2-(Isoxazoly)-benzoates and 2-(1,2,4-Oxadiazol-3-yl)benzoates", <i>Heterocycl. Chem.</i> , Vol. 19, No. 4, pp. 721-726, 1982.	<input type="checkbox"/>	<input type="checkbox"/>
<i>znd</i>		Belgodere et al., "Studies on Isomeric Pyridylisoxazoles", <i>Heterocycles</i> , Vol. 20, No. 3, pp. 501-504, 1983.	<input type="checkbox"/>	<input type="checkbox"/>
<i>znd</i>		Batori et al., "Photoinduced Ring Transformation of Pyrido[1,2-b]pyridazinium-4-olate", <i>Tetrahedron</i> , Vol. 50, No. 16, pp. 4699-4708, 1994.	<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

Zina Davis

DATE CONSIDERED

3/27/2006

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				Filing Date	August 22, 2003
				First Named Inventor	Rajinder Singh
				Art Unit	1615- H02 1625
				Examiner Name	Unknown ZNDAMIS
Sheet	3	of	3	Attorney Docket Number	28570/US/US
OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS					
<i>2nd</i>		Kanbara et al., "Preparation of Soluble and Fluorescent Poly(arylene)s by 1,3-Dipolar Polycycloaddition and Properties of the Polymers", <i>Polymer Bulletin</i> , Vol. 36, pp. 673-679, 1996.	<input type="checkbox"/>	<input type="checkbox"/>	
<i>1st</i>		Ku et al., "Use of Iodoacetylene as a Dipolarophile in the Synthesis of 5-Iodoisoxazole Derivatives", <i>Organic Letters</i> , Vol. 3, No. 26, pp. 4185-4187, 2001.	<input type="checkbox"/>	<input type="checkbox"/>	
		Maybridge, plc, Trevillett, Tintagel, Catalogue No. RF01972, Cornwall PL34 OHW, England.	<input type="checkbox"/>	<input type="checkbox"/>	
		Maybridge, plc, Trevillett, Tintagel, Catalog No. RF01996, Cornwall PL34 OHW, England.	<input type="checkbox"/>	<input type="checkbox"/>	
<i>3rd</i>		Gatta et al, "Synthesis of [1,2,4]Triazoloquinazoline and [1,2,4]Triazolo-1,4-benzodiazepine derivatives", <i>J. Heterocyclic. Chem.</i> , Vol. 30, pp. 11-16, 1993.	<input type="checkbox"/>	<input type="checkbox"/>	
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EXAMINER SIGNATURE <i>Zinn N. Davis</i>			DATE CONSIDERED <i>3/27/2006</i>		
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MAR 8 2004
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First Named Inventor

Rajinder Singh

Art Unit

1615-1625

Examiner Name

Unknown ZNDAVIS

Sheet

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		Country Code:	Number - Kind Code (if known)				YES	NO
znd		DE	101 48 598	10/24/2002	Bayer AG		<input type="checkbox"/>	<input checked="" type="checkbox"/>
znd		EP	1 180 518	02/20/2002	Takeda Chemical Industries, Ltd		<input type="checkbox"/>	<input type="checkbox"/>
znd		WO	03/029210	04/10/2003	Merck & Co. Inc.		<input type="checkbox"/>	<input type="checkbox"/>
znd		WO	02/46186	6/13/2002	Takeda Chemical Industries, Ltd		<input type="checkbox"/>	<input checked="" type="checkbox"/>
znd		WO	01/74811	10/11/2001	Takeda Chemical Industries. Ltd.		<input type="checkbox"/>	<input type="checkbox"/>
znd		WO	01/78648	10/25/2001	Dong Wha Pham. Inc. Co. Ltd.		<input type="checkbox"/>	<input type="checkbox"/>
znd		EP	1 348 706	10/01/2003	Takeda Chemical Industries, Ltd.		<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE *Znd N Davis*DATE CONSIDERED *3/27/2006*

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FEB 25 2005

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Application Number | 10/646,348

Filing Date | August 22, 2003

First Named Inventor | Rajinder Singh

Art Unit | 1615-1625

Examiner Name | Unknown ZUDAVIS

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<i>Jnd</i>		US- 3,964,896	06-22-1976	Neidermyer et al.	
		US- 3,910,942	10-07-1975	Narayanan et al.	
		US- 3,335,149	08-08-1967	Preston	
		US- 2,852,503	09-16-1958	Edward et al.	
<i>Jnd</i>		US- 3,257,203	06-21-1966	Klupfel et al.	

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		Country Code:	Number - Kind Code (if known)				YES	NO
<i>Jnd</i>		WO	00/40242	07-13-2000	Axxima Pharmaceuticals, AG		<input type="checkbox"/>	<input type="checkbox"/>
		EP	0 776 894	06-04-1997	Nippon Soda Co.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	02/055025	07-18-2002	University of North Carolina		<input type="checkbox"/>	<input type="checkbox"/>
		WO	03/040112	05-15-2003	Rigel Pharmaceuticals, Inc.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	04/018463	03-04-2004	Rigel Pharmaceuticals, Inc.		<input type="checkbox"/>	<input type="checkbox"/>
		FR	1 459 375	04-29-1966	Westinghouse Electric Corp.		<input type="checkbox"/>	<input type="checkbox"/>
		DE	21 37 719	02-08-1973	BASF AG		<input type="checkbox"/>	<input type="checkbox"/>
		DE	27 21 955	11-23-1978	BASF AG		<input type="checkbox"/>	<input type="checkbox"/>
		CH	559 195	02-28-4975	Lepetit Spa		<input type="checkbox"/>	<input type="checkbox"/>
		WO	04/103366	12-02-2004	Rigel Pharmaceuticals, Inc.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	98/17652	04-30-1998	Boehringer Ingelheim Pharma		<input type="checkbox"/>	<input type="checkbox"/>
<i>Jnd</i>		DE	100 32 874	01-17-2002	Bayer AG		<input type="checkbox"/>	<input type="checkbox"/>

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				First Named Inventor	Rajinder Singh
				Art Unit	1615 / 625
				Examiner Name	Unknown ZNDavis
Sheet	2	of	2	Attorney Docket Number	28570/US/US

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
ZND		GATTA et al. Synthesis of [1,2,4] Triazoloquinazoline and [1,2,4] Triazolo- 1,4-benzodiazepine derivatives. Journal of Heterocyclic Chemistry. (1993), Vol. 30, pages 11-16.	<input type="checkbox"/>	<input type="checkbox"/>
		Database Chemcats Online! 1999m XP-002310049, Databased accession no. RN 247059-16-1	<input type="checkbox"/>	<input type="checkbox"/>
		Maybridge Hts, Order Number BTB 09742; RN 247059-16-1 Maybridge PLC, Trevillett, Tintagel, Cornwall, PL340HW, UK, January 8, 2004 XP002297442	<input type="checkbox"/>	<input type="checkbox"/>
		STN File CA, Abstract 135:46129 & V.M. Barot et al, Asian Journal of Chemistry (2001), 13(1), pages 341-343.	<input type="checkbox"/>	<input type="checkbox"/>
		STN File CA, Abstract 132:265141 & S.V. Damle et al, Indian Journal of Heterocyclic Chemistry (1999), 9(2), pages 81-86.	<input type="checkbox"/>	<input type="checkbox"/>
		STN File CA, Abstract 132:180505 & V.R. Naik et al, Asian Journal of Chemistry (2000), 12(1), pages 305-307.	<input type="checkbox"/>	<input type="checkbox"/>
		STN File CA, Abstract 129:216539 & S.M. Naik et al, Oriental Journal of Chemistry (1998), 14(1), pages 167-168.	<input type="checkbox"/>	<input type="checkbox"/>
		STN File CA, Abstract 126:74789 & M. Shah et al, Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry (1996), 35B(12), pages 1282-1286.	<input type="checkbox"/>	<input type="checkbox"/>
		STN File CA, Abstract 122:81186 & S.R. Modi et al, Oriental Journal of Chemistry (1994), 10(1), pages 85-86.	<input type="checkbox"/>	<input type="checkbox"/>
ZND		STN File CA, Abstract 118:191597 & T. Bandiera et al, Journal of Heterocyclic Chemistry (1992), 29(6), pages 1423-1428.	<input type="checkbox"/>	<input type="checkbox"/>

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